

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001215

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B02C 7/12, D21D 1/30, D21B 1/14
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B02C, D21D, D21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DX,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5467931 A (JOHN DODD), 21 November 1995 (21.11.1995), column 1, line 5 - line 8; column 2, line 52 - line 54; column 4, line 51 - line 62, figures 6,7, claims 1-8, abstract --	1,2
A	US 4023737 A (PHILIP J. LEIDER), 17 May 1977 (17.05.1977), column 1, line 5 - line 10, figure 1, claims 1-8, abstract --	1,2
A	FI 53469 B (ENSO-GUTZEIT), 10 May 1978 (10.05.1978), figures 1-3, claims 1-7 --	1,2

Further documents are listed in the continuation of Box C.

See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "Z" document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

02-12-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Fredrik Andersson/MP
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/SE 2004/001215**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5165592 A (PAUL WASIKOWSKI), 24 November 1992 (24.11.1992), figure 4, claims 1-10, abstract --	1,2
A	US 5690286 A (JOHN DODD ET AL), 25 November 1997 (25.11.1997), figures 3-6, claims 1-13, abstract -----	1,2

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001215

US	5467931	A	21/11/1995	AU	1406995 A	04/09/1995
				WO	9522653 A	24/08/1995
				ZA	9501416 A	10/01/1996
US	4023737	A	17/05/1977	NONE		
FI	53469	B	10/05/1978	NONE		
US	5165592	A	24/11/1992	NONE		
US	5690286	A	25/11/1997	CA	2185312 A,C	28/03/1997
				JP	9111683 A	28/04/1997
				US	5868330 A	09/02/1999